

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application. The deleted claims are cancelled without any prejudice or disclaimer.

Listing of Claims

1. (currently amended) A multiple format interface adapter for small storage media, comprising:

a storage media interface, connected to a plurality of storage media cards
two-system end-interfaces compatible with different interface format, coupled to the
storage media card interface, wherein one of the system-end interfaces cooperates with the
storage media card interface when one storage media card inserts and interfaces to a system end
for data transmission~~An Express Card interface adapter suitable for a small storage medium,~~
~~comprising a casing configured to comply with the Express Card standard, wherein the small~~
~~storage medium is a Compact Flash (CF) standard storage medium, the Express Card interface~~
~~adapter being characterized in that:~~

~~a front end of the casing includes a double configuration interface coupled with a system;~~
~~a rear end of the casing includes a U-shaped slot, wherein two sides of the U-shaped slot~~
~~form guide tracks, a third side of the U-shaped slot has a CF standard interface, thereby the CF~~
~~standard storage medium is placed in position by insertion along the guide tracks to connect to~~
~~the CF standard interface;~~

~~a circuit board coupled between the double configuration interface and the CF standard~~
~~interface;~~

~~an IDE converter control chip connected on the circuit board and respectively coupled~~
~~with the double configuration interface and the CF standard interface, wherein the IDE converter~~

~~control chip operates a signal controller between the CF standard storage medium and an external system;~~

~~wherein the CF standard interface at least includes a CF card detect pin;~~

~~wherein the IDE converter control chip at least has a set of system data transmission pins;~~

~~and~~

~~wherein the double configuration interface includes:~~

~~—— a card insertion detect pin coupled with the CF card detect pin to determine whether the CF standard storage medium is inserted;~~

~~—— a set of differential serial pins coupled with the system data transmission pins to conduct signal transmission with the external system.~~

2. (currently amended) The multiple format interface adapter for small storage media ~~Express Card interface adapter~~ of claim 1, wherein the ~~CF standard storage medium~~ includes a removable CF memory card and a micro drive.

3. (currently amended) The multiple format interface adapter for small storage media ~~Express Card interface adapter~~ of claim 1, wherein the ~~CF standard~~ storage medium includes a fixed small hard disk.

4. (currently amended) The multiple format interface adapter for small storage media ~~Express Card interface adapter~~ of claim 1, wherein the system-end interfaces ~~double-configuration interface~~ includes a PCI Express interface and a USB interface.

5. (canceled)

6. (canceled)

7. (currently amended) The multiple format interface adapter for small storage media Express Card interface adapter of claim 1, wherein the two-system end-interfaces~~double-configuration interface~~ includes a power terminal that transmits an operating voltage issued from the system when one storage medium inserts~~under an enable status of the card insertion detect pin~~.

8. (currently amended) The multiple format interface adapter for small storage media Express Card interface adapter of claim 1, wherein the storage media~~CF standard~~ interface further includes a plurality of address terminals, data transmission terminals and control terminals.

9. (canceled)

10. (canceled)

11. (canceled)

12. (currently amended) The multiple format interface adapter for small storage media of claim 1~~, Express Card interface adapter of claim 10~~, wherein the small storage media

~~includes second type of memory card includes~~ Smart Media (SM), xD, Secure Digital (SD), Multi-Media Cards (MMC), Memory Stick (MS).

13-15. (canceled)

16. (currently amended) The multiple format interface adapter for small storage media of claim 1, Express Card interface adapter of claim 14, wherein the USB interface is used as an operating interface further has a card insertion detect terminal that detects the insertion of the storage medium.

17. (currently amended) The multiple format interface adapter for small storage media of claim 1, Express Card interface adapter of claim 10, wherein the two system-end double-configuration interfaces includes a power terminal that transmits an operating voltage issued from the system end when one storage medium inserts under an enable status of the card insertion detect terminal.

18. (canceled)

19. (canceled)

20. (new) The multiple format interface adapter for small storage media of claim 10, wherein a signal converter control chip is further provided to connect between an USB standard interface and the storage media card interface.

21. (new) The multiple format interface adapter for small storage media of claim 20, wherein the signal converter control chip is an IDE converter control chip to convert storage medium-compatible USB signals to system-compatible IDE signals.